THIS BULLETIN IS ISSUED BY

THE S. HOWES COMPANY

SILVER CREEK, N.Y.

For the Purpose of Introducing to the Milling Trade

The Most Complete,

Strongest, Most Durable

Fastest and Most Up-to-Date

PACKERS

ON THE MARKET



A Trade Mark
"To Distinguish the Best from the Rest"

THE data contained in this bulletin is necessarily brief and condensed. To those millers who may desire more complete information, we shall be glad to mail individual circulars pertaining to any or all of our packers, and to answer questions and make suggestions. Our accumulated experience may prove of value in meeting your conditions.

THE S. HOWES COMPANY, Inc.

Eureka Works Silver Creek, N. Y.

Posted on: October 1, 2019 Edited by: Brian D. Szafranski of Elma New York USA

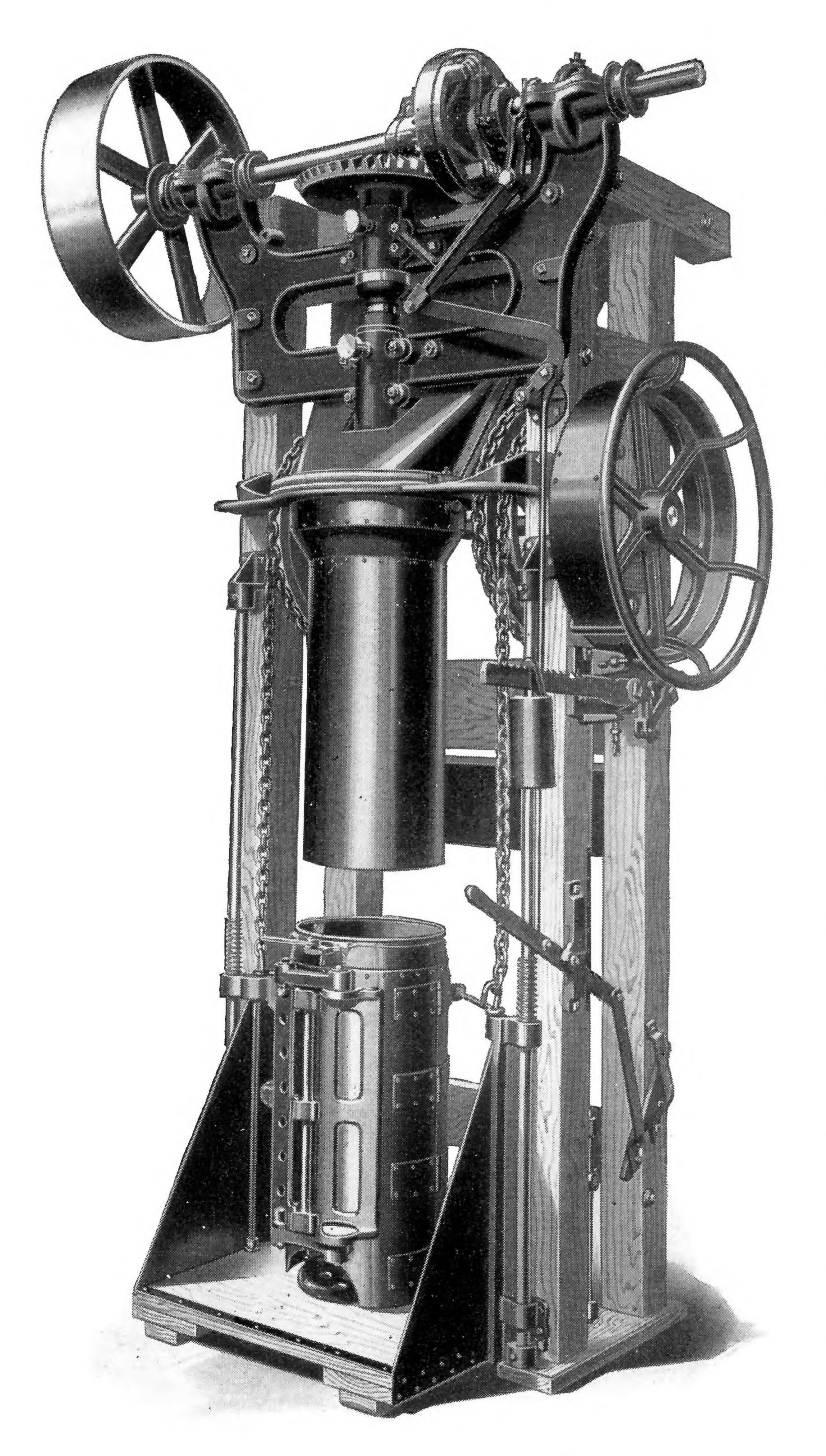
Please do not reprint or republish this document for commercial gain.

The "Mogul"

Bran and Feed Packer

For Heavy Duty

FRICTION DRIVEN

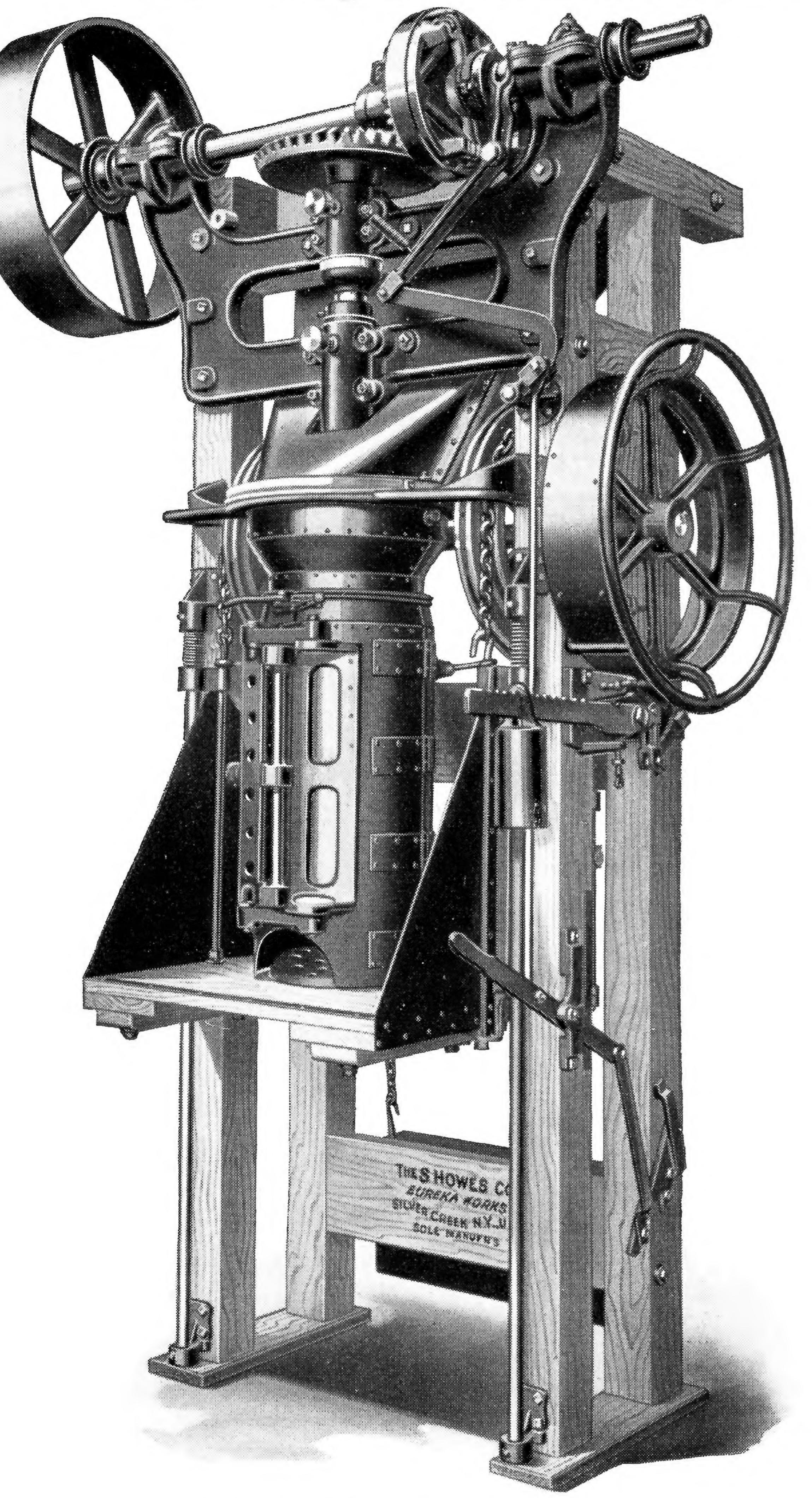


HEAVY DUTY CONSTRUCTION

The owners of large mills are paying more and more attention to their packing department. They have wisely reached the conclusion that it doesn't pay to use ordinary packers. They insist upon stronger and better machines, which will turn out a larger amount of stuff more economically. With the price of jute increasing almost daily, the demand is for a packer which will permit of using sacks smaller in size and costing less. That the "Mogul" has met these conditions successfully is reflected in the rapidly increasing demand for this machine. Where greater economy, larger output, and uninterrupted service is appreciated, this packer will prove a gilt-edge investment. Every day that a "Mogul" is used means a direct saving in actual money. In this connection we might mention the experience of a recent purchaser. He tells us that his "Mogul" Packer saves him a dollar and a half a day. At that rate the machine will have paid for itself in a little more than half a year—this

is equivalent to a return of 225 per cent. on his investment.

The "Mogul" Bran and Feed Packer - Continued



The man who operates a "Mogul" Packer is not slow to appreciate the ease with which he can do his work. That feature alone appeals to him directly. About all he has to do is to put on the empty bags and take off the filled ones. The packer does the rest automatically. It isn't necessary for the operator to exert himself unduly in order to turn out a fair day's work.

Truly the "Mogul" possesses that rarest and best of all packer attributes—a background of slow and sure development. If you have packing troubles it will make you forget them. The "Mogul" has that kind of character which time alone can give. It was not built simply with a view to meeting competitive prices, but with the idea of creating a market of his own.

The Mogul's Distinguishing Features:

Unusually massive construction. Substantial one-piece iron support-

Disc friction clutch having no intricate parts and requiring no adjustments.

Semi-steel gears. Self-oiling bearings.

Ball thrust bearing for upright shaft.

Center lift, counterbalanced platform.

Cushioning springs for platform. Massive heavy-duty enclosing case. Automatic starting and stopping mechanism.

The fastest bran and feed packer known.

HEAVY DUTY CONSTRUCTION

DIMENSIONS AND PRICES

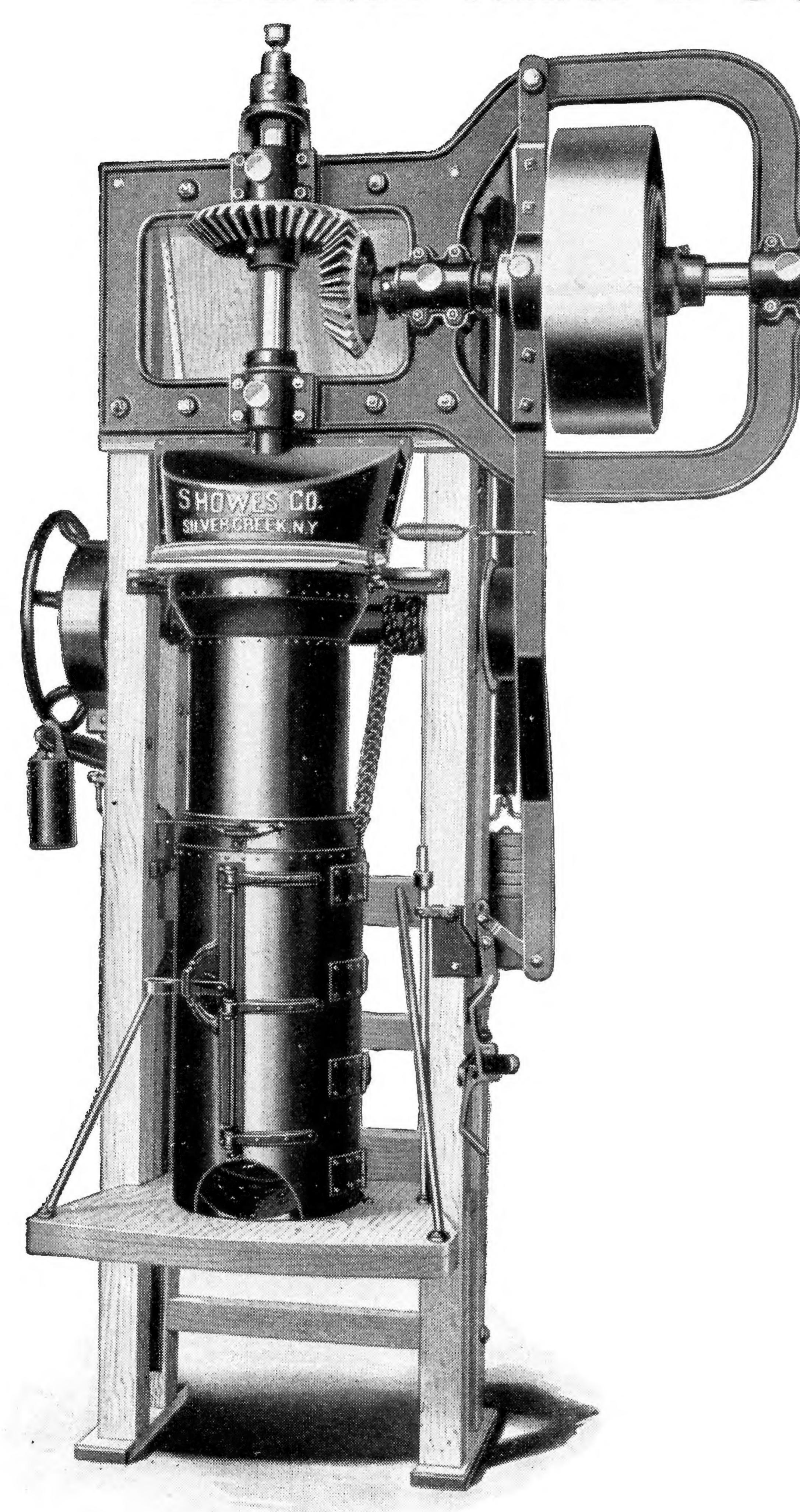
Height	Bevel gear on upright40 Teeth Pinion on countershaft20 Teeth Size of hopper, inside14 in. x 30 in.
Height center drive pulley	Size of drive pulley24 in. x 8 in. Shipping weight2850 Lbs.
List Price, with one size of Tube and Au List Price, of each additional Tube and L List Price, of each additional Enclosing	Auger and Enclosing Case 50.00

Prices are Subject to a Discount

In ordering please state whether drive pulley is to be on the right or on the left hand side as you face the packer, and if augers are to run with or against the sun. See diagrams on page 16. If possible send us sample bag.

The "Iron King"

Bran and Feed Packer



FRICTION DRIVEN

High manufacturing ideals and an intimate knowledge of present day milling requirements are easily discernable in all the mechanical details of this machine.

With the exception of our "Mogul" Packer there is none other which possesses half the good features of the "Iron King." It must be remembered that the "Iron King" was the first machine in which an iron supporting frame was provided for the bearings. Likewise it was the first American bran packer driven by a friction clutch. That these ideas were good ones can best be judged by glancing at our competitors' catalogues. Wasn't the "Iron King" copied because it was the best bran packer?

Whilst the "Iron King" is not as highly recommended as our more expensive "superpacker" the "Mogul," nevertheless it is a distinctly superior machine. Some very competent millers say it is second to none. Being as it is moderate priced, very strongly built, quick in action, durable and reliable in its entire makeup, is it to be wondered at that the "Iron King" is a favorite?

DIMENSIONS AND PRICES

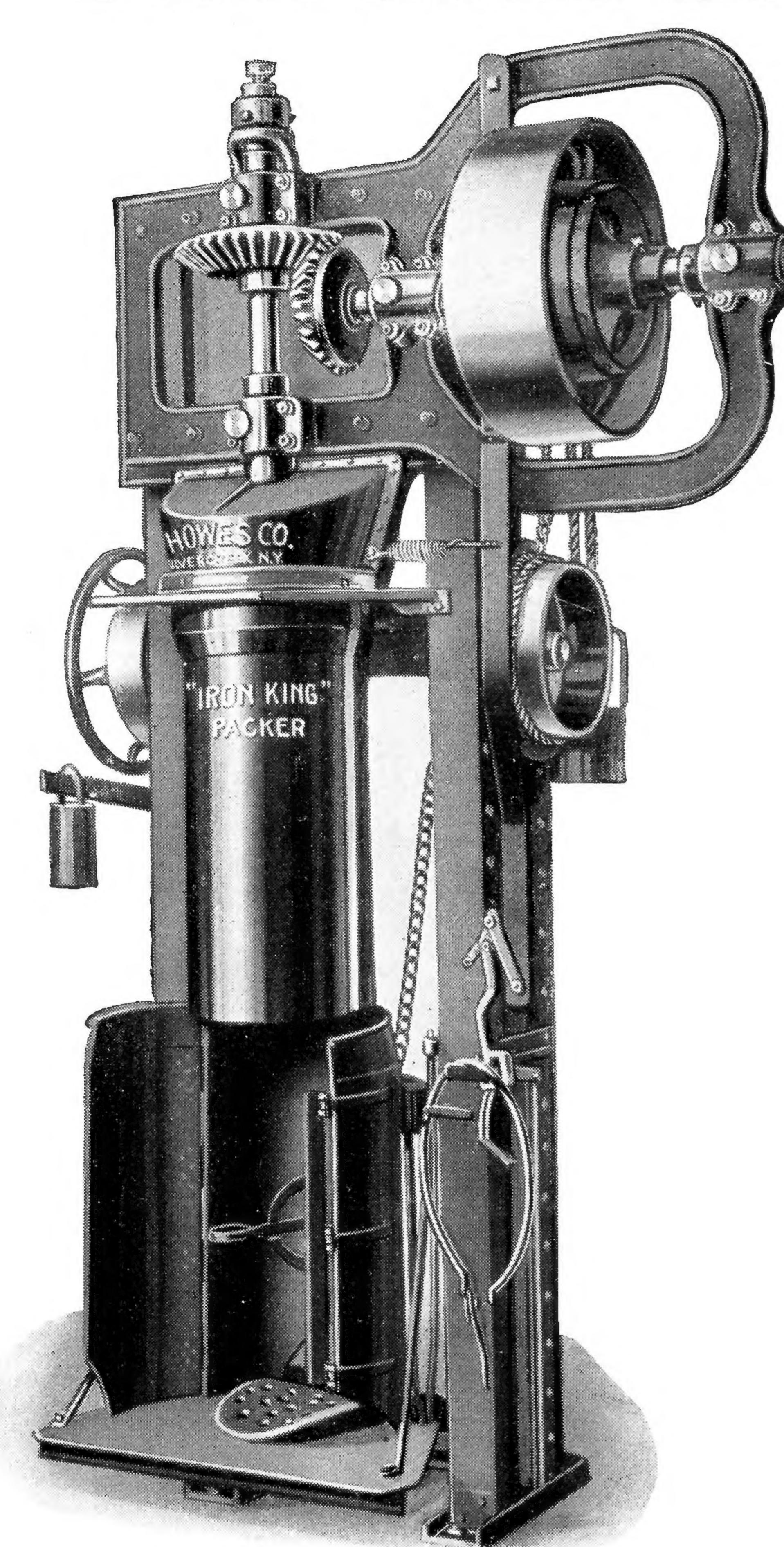
Height		evel gear on upright35	
Width		inion on countershaft26	
Depth	in. Si	ize of hopper, inside.14 in. x 24	4 in.
Height center drive			
pulley	in. Si	ze of drive pulley24 in. x	$7\frac{1}{2}$ in.
Speed	M. S1	nipping weight1950	Lbs.
List Price, with one size of Tube,	Auger and	Enclosing Case \$	270.00
List Price, of each additional En	closing Ca	ase and Tube and Auger	36.00
List Price, of each additional En	closing Ca	se	24.00

Prices are Subject to a Discount

In ordering please state whether drive pulley is to be on the right or on the left hand side as you face the packer, and if augers are to run with or against the sun. See diagrams on page 16. If possible send us sample bag. Unless otherwise ordered all machines are equipped with rope and counterweight for raising the platform.

The "Iron King"

Steel Bran and Feed Packer



FRICTION DRIVEN

The economy of fireproof construction is too well known to call for further emphasis from us. The mistake is often made, however, of installing wooden machines in buildings which are otherwise incombustible. Doing so, materially lessens the protection from fire.

The "Iron King" Steel Packer fills a long felt want on this account. Not only are a number of them used in fireproof mills, but they are becoming more popular every day with owners of blending plants and distributing warehouses. A machine of this kind saves insurance and is of such durable construction that cost of upkeep is cut in two.

As will be seen from the illustration, this Packer is of very substantial design. The frame is made of heavy angle iron, so built up as to form practically a solid unit. The iron frame which supports the shafts is a one-piece solid casting of immense strength, with the bearings cast integral. Each shaft has two long journals—these maintain perfect alignment and prevent undue wear of the gears. The friction clutch is of the simple cone type, thermoid faced and bronze bushed.

The "Iron King" is a Packer which will give satisfaction for years. It is simpler, easier to operate and requires less power per sack output than any other machine.

DIMENSIONS AND PRICES

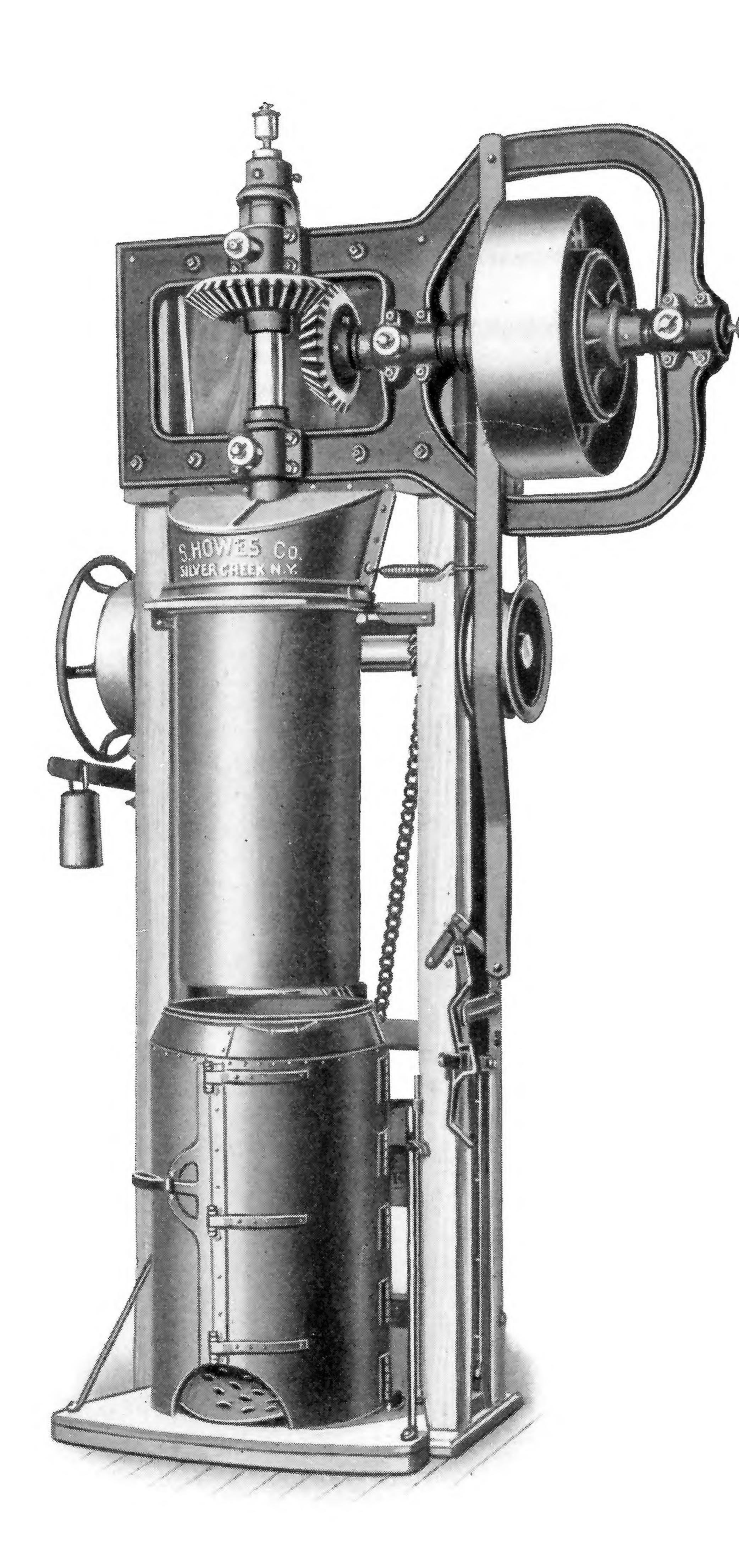
Height	in.	Speed	
Height to top of hopper	in. in.	Bevel gear on upright35 Teeth Pinion on countershaft26 Teeth Size of hopper, inside24 in. x 14 in. Size of drive pulley24 in. x 7½ in. Shipping weight2550 Lbs.	
List Price, with one size of Tube, Auger and Enclosing Case\$400.00 List Price, of each additional Enclosing Case and Tube and Auger			

In ordering please state whether drive pulley is to be on the right or on the left hand side as you face the packer, and if augers are to run with or against the sun. See diagrams on page 16. If possible send us sample bag. Unless otherwise ordered all machines are equipped with rope and counterweight for raising the platform.

The "Iron King"

Hull and Dust Packer

FRICTION DRIVEN



The demand for sacked hulls, corn-bran, clippings, scourings, beet pulp, malt sprouts and dust for feed purposes is such that the supply is greatly exceeded.

This Packer is designed to pack the maximum weight of such material into the smallest size sack, thereby effecting a considerable saving in the cost of labor, sacks and transportation.

The machine is automatic in its operation throughout, and for simplicity, reliability and durability it has never been equalled.

DIMENSIONS AND PRICES

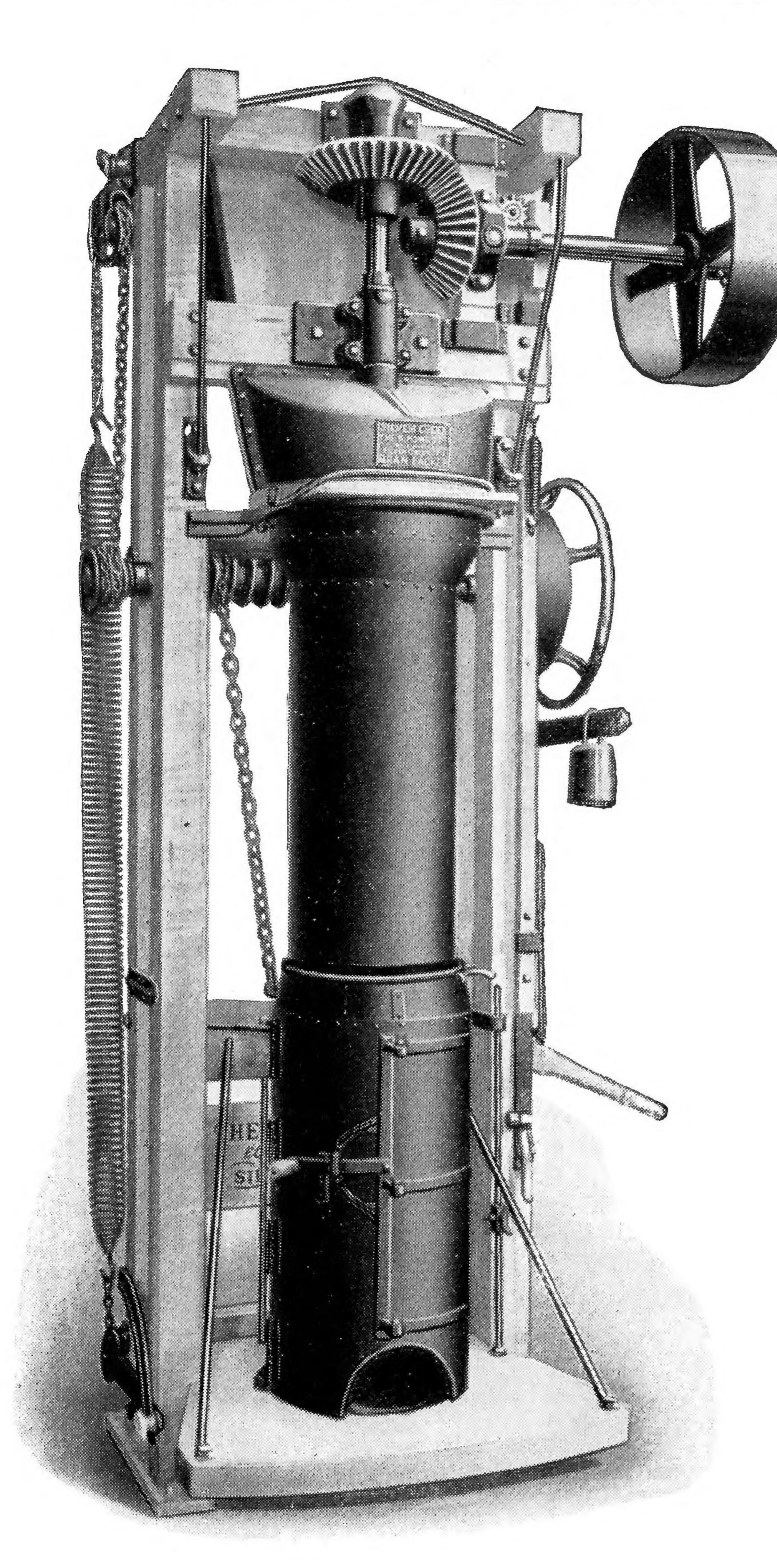
Height9	ft.	81/2	in.
Depth3	ft.	3	in.
Width5	ft.	2	in.
Shipping weight	. 19	50 L	bs.
List Price, with one size	of		
Tube, Auger and Encle	os-		
ing Case		\$270	0.00

Price is Subject to a Discount

In ordering please state whether drive pulley is to be on the right or on the left hand side as you face the packer, and if augers are to run with or against the sun. See diagrams on page 16. If possible send us sample bag. Unless otherwise ordered all machines are equipped with rope and counterweight for raising the platform.

The "Silver Creek"

Bran and Feed Packer



DROP GEAR STYLE

The low price at which the "Silver Creek" Bran Packer is sold brings it within the reach of all. With the wage question always looming up big, it is poor policy indeed to go on bagging bran and feed in the old-fashioned way by hand. Here's what may be termed a semi-automatic packer, strongly built and dependable in every way, one that will readily take care of the requirements of a small mill. It can be started in operation, and after the proper amount of stuff has been packed into the bag the machine will stop of itself—no need for a workman to hang around—whilst the machine is packing, he can attend to other duties.

A glance at the illustration will show that we have provided a good substantial construction. The wooden frame is heavy and securely bolted together. All bearings are large, long and well lubricated. The bevel gears are semi-steel, key-seated and set-screwed to the shafts. The upper end of the vertical shaft runs against a hardened steel thrust block. The packing augers are partially chilled to insure long wear. Included in the equipment is a well made re-inforced enclosing case having double doors.

DIMENSIONS AND PRICES

Height	Bevel gear on upright39 Teeth Pinion on countershaft29 Teeth Size of hopper, inside12 in. x 24 in. Size of drive pulley24 in. x 6½ in. Shipping weight1250 Lbs.
List Price, with one size of Tube, Aug List Price, of each additional Enclose List Price, of each additional Enclose	ger and Enclosing Case \$200.00 ing Case, Tube and Auger 36.00 ing Case

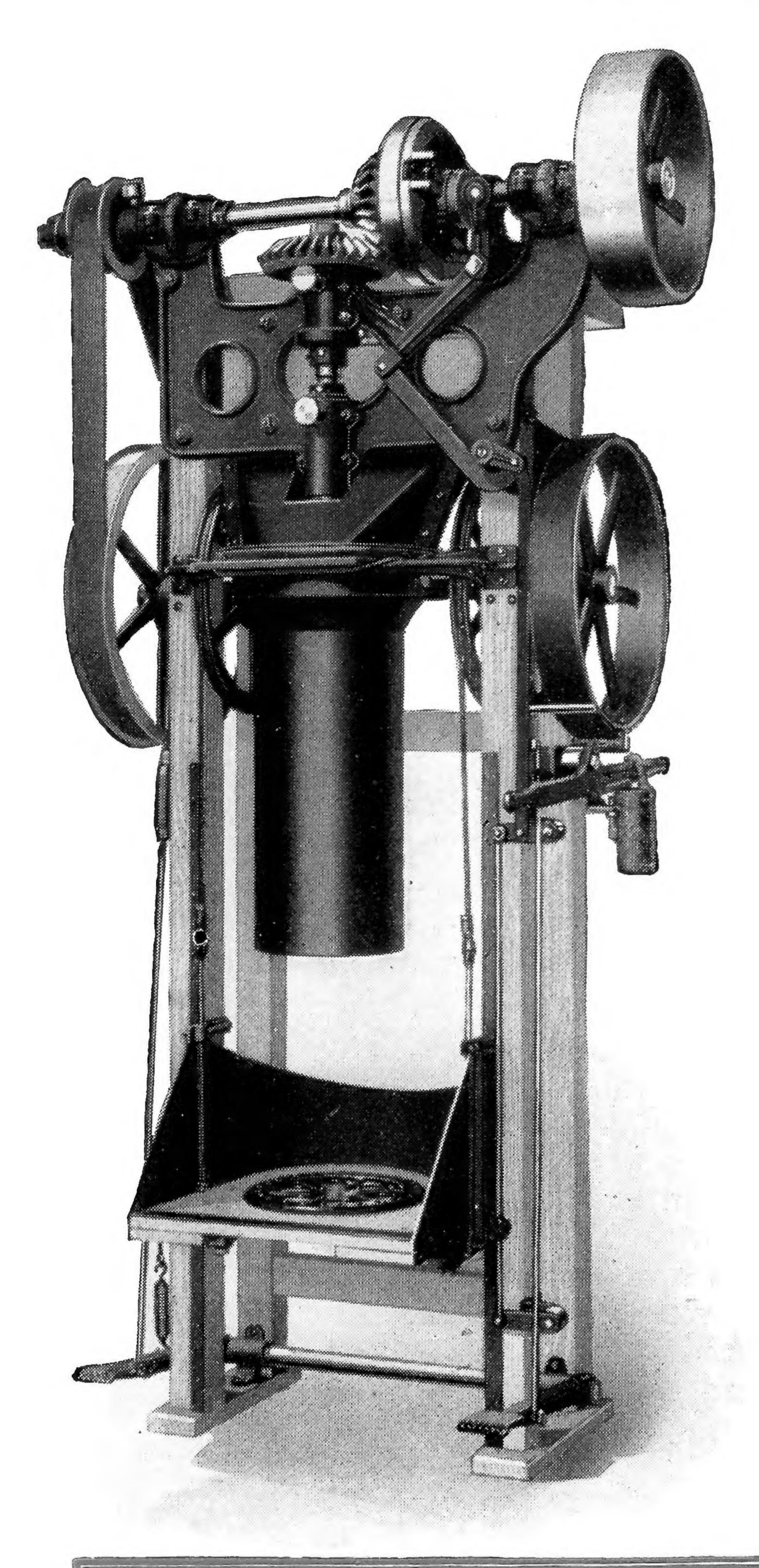
In ordering please state whether drive pulley is to be on the right or on the left hand side as you face the packer, and if augers are to run with or against the sun. See diagrams on page 16. If possible send us sample bag. Unless otherwise ordered all machines are equipped with rope and counterweight for raising the platform.

Prices are Subject to a Discount

The "Mogul"

Automatic Flour Packer

For Heavy Duty



HEAVY DUTY CONSTRUCTION

FRICTION DRIVEN

With its supremacy unchallenged—its pre-eminence admitted—the "Mogul" Flour Packer stands out clearly as our greatest achievement in the line of packer building. It is our highest grade machine.

The "Mogul" possesses many features over the ordinary packer. Words are inadequate to convey to the prospective purchaser a correct idea of this machine's all-round excellence. To appreciate its true value it should be seen in action. Practical men will tell you that with the "Mogul" they turn out a much larger number of packages per day with considerably less effort than when operating less efficient machines. Just think of the difference between running a "Mogul" and an old-time flour packer. In the case of the "Mogul" the work is all done by power. The platform is raised by power, and the clutch is engaged and released by power. The platform drops freely and quickly without binding. It does not have to be pushed down by the operator's knee. A simple brake adjustment regulates the density of the flour in the package, and an adjustable trip adapts the machine to any length of sack, bag or barrel.

A few things to remember in connection with the "Mogul" Packer are: Its Heavy Duty massive construction, solid iron front with all bearings cast integral; disc friction clutch with thermoid facing; self oiling bearings; self aligning ball thrust bearing on upright shaft; all shafts large in diameter; counterbalanced centerlift platform; automatic starting and stopping mechanism.

DIMENSIONS AND PRICES

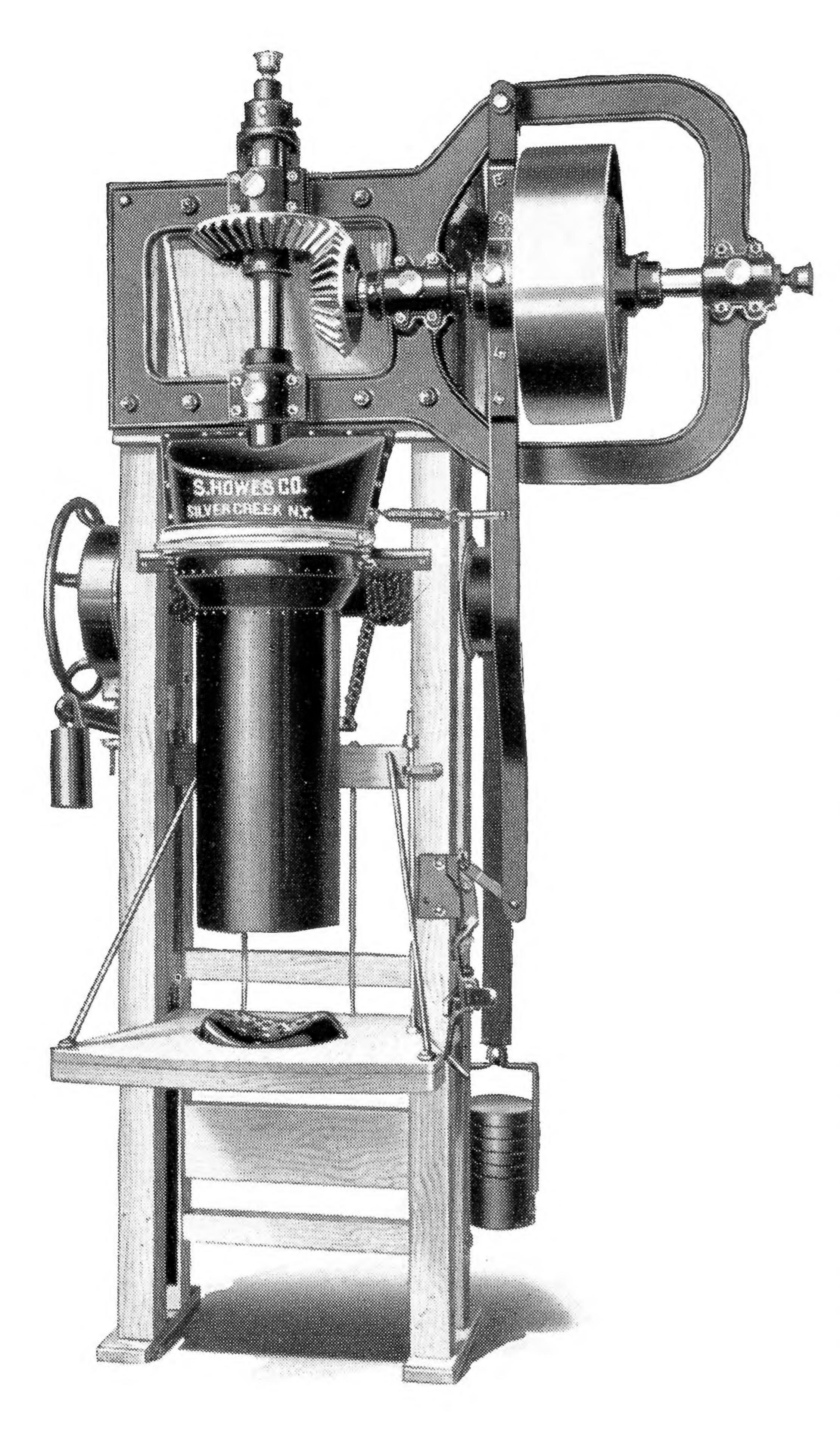
ley	Bevel gear on upright31 Teeth Pinion on countershaft23 Teeth Size of hopper, inside14 in. x 26 in. Size of drive pulley20 in. x 5½ in. Shipping weight1700 Lbs.
List Price, complete for packing one size List Price, of each additional set of Tub	of sack or barrel \$265.00 e and Augers

Prices are Subject to a Discount

In ordering please state whether drive pulley is to be on the right or on the left hand side as you face the packer, and if augers are to run with or against the sun. See diagrams on page 16. If possible send us sample sack or bag.

The "Howes"

Flour Packer



FRICTION DRIVEN

Many a flour mill's profits have disappeared in its shipping department. A breakdown in packing machinery will often disrupt the operation of a whole plant. One hour's shut-down may result in the permanent loss of a good connection. Moral:-don't buy a cheap packer. If you feel that you cannot afford to buy our "Mogul" get the next best—a "Howes." This improved packer is well designed and splendidly built. It possesses all the good features of our old reliable "Silver Creek" Flour Packer, and many valuable improvements as well, foremost among which is a heavy cast iron front or frame for supporting the bearings and driving tackle. This frame keeps all the operating parts (shafting, bearings, friction clutch and gears) in proper alignment, and does away with much unnecessary wear and noise. Every little convenience which would tend to simplify the machine's construction and operation and to increase its efficiency has been carefully provided for. We recommend with confidence the "Howes" Packer as being suited to mills having a large output, and where fast work is wanted and a strong and durable machine is essential to withstand the severe strain.

DIMENSIONS AND PRICES

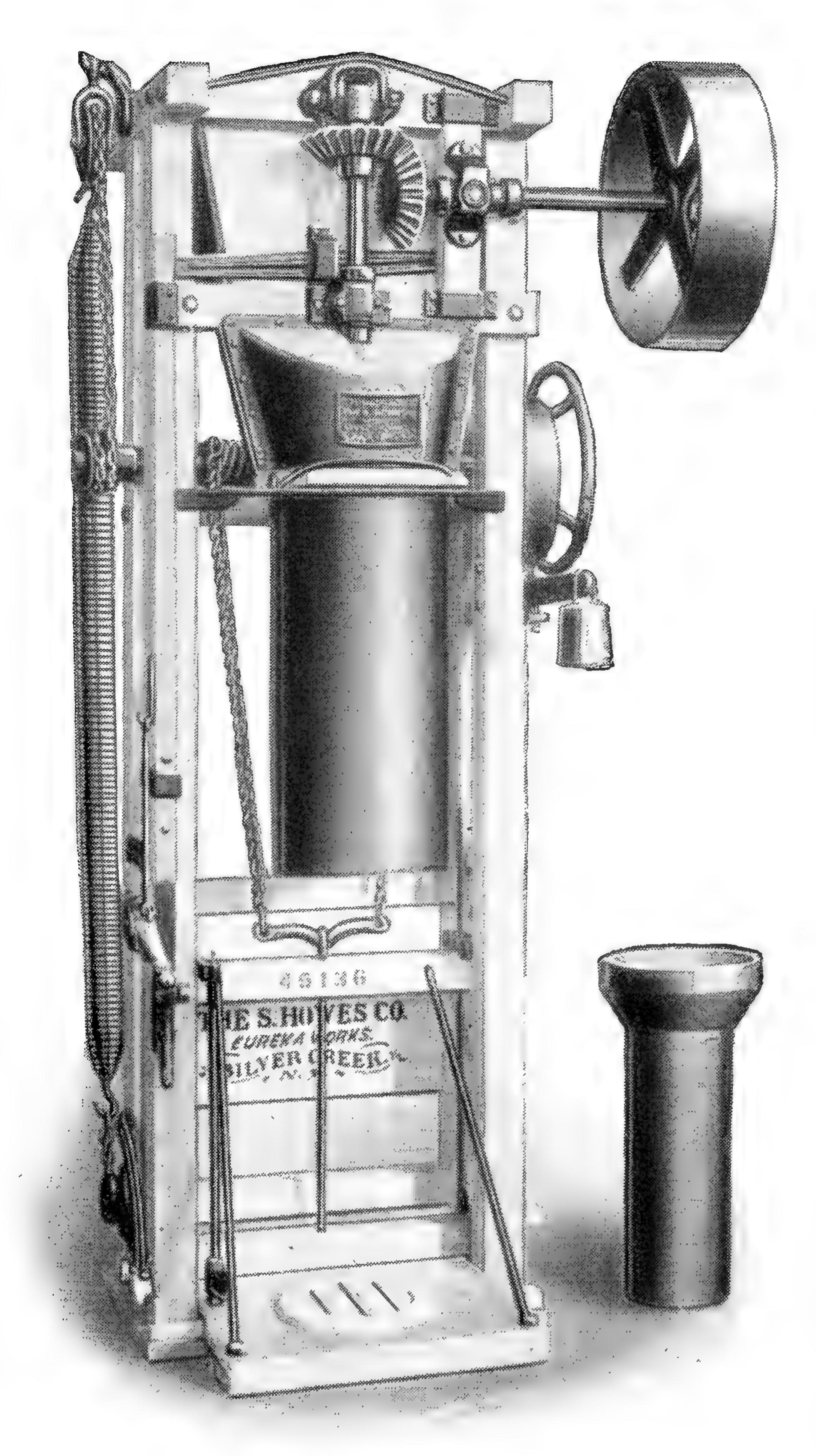
Height.8 ft. 9 in.Width.5 ft. 0 in.Depth.3 ft. 8 in.Height center drive.7 ft. $6\frac{1}{2}$ in.Speed.160 R. P. M.	Bevel gear on upright31 Teeth Pinion on countershaft23 Teeth Size of hopper, inside21 in. x 24 in. Size of drive pulley18 in. x 6½ in. Shipping weight1250 Lbs.
List Price, complete for packing one size	e of sack or barrel \$200.00
List Price, of each additional Tube and	Auger

Prices are Subject to a Discount

In ordering please state whether drive pulley is to be on the right or on the left hand side as you face the packer, and if augers are to run with or against the sun. See diagrams on page 16. If possible send us sample sack or bag. Unless otherwise ordered all machines are equipped with belt (or rope) and counterweight for raising the platform.

The 66 Silver Creek?

Flour Packer



DROP GEAR STYLE

This machine has been on the market for so many years that its merits are well known to the flour milling trade. Until the advent of our heavier and more expensive "Mogul" and "Howes" machines the "Silver Creek" was recognized as the leader among American flour packers. Whilst we don't claim that the "Silver Creek" is as up-to-date a machine as either of the two referred to, we maintain that it is more desirable in every way than any other drop-gear packer. Many of the self-same mechanical features which have made the "Silver Creek" Packer famous the world over are to be found in our more costly machines. That in itself shows that we have not attempted to cheapen the construction of our "old favorite."

The attention of the reader is directed to the symmetrical lines of the "Silver Creek" Flour Packer. It has a clean-cut appearance from the cap-rail to the sole plate. In its entire assembling there is not a part used but what is perfectly proportioned—strength is apparent in every detail. With durability thus assured, and where first cost is a consideration, the "Silver Creek" Packer makes a very desirable outfit for mills with a limited flour output.

DIMENSIONS AND PRICES

Height 8 ft. 4 in. Width (including shaft) .7 ft. 1½ in. Depth 3 ft. 1 in. Height center drive pulley 7 ft. 6 in. Speed 160 R. P. M.	Bevel gear on upright31 Teeth Pinion on countershaft23 Teeth Size of hopper, inside21 in. x 24 in. Size of drive pulley20 in. x 5 in. Shipping weight1050 Lbs.
List Price, complete for packing one si List Price, of each additional Tube and	ze of sack or barrel \$160.00 Auger

Prices are Subject to a Discount

In ordering please state whether drive pulley is to be on the right or on the left hand side as you face the packer, and if augers are to run with or against the sun. See diagrams on page 16. If possible send us sample sack or bag. Unless otherwise ordered all machines are equipped with belt (or rope) and counterweight for raising the platform.

Friction Driven Sack Packer



Those looking for the latest and most successful machine for putting up packages running all the way from 24 to 98 pounds in weight, would do well to look into the merits of the "Jewel" Friction Driven Sack Packer. Were it not that we could substantiate our claim that this is the fastest and most dependable packaging outfit on the market for medium size sacks, would there be mills using as many as ten of these machines in their packing rooms?

The "Jewel" Friction Driven Sack Packer is designed on much the same lines as our well-known "Howes" Flour Packer, but being intended for the handling of smaller packages, it is not nearly as large a machine, nor is it as heavily built. Although of lighter construction nothing has been sacrificed that would impair its durability. We have aimed at reducing wear and friction, and we have said it all when we style the "Jewel" Sack Packer a "speeding-up proposition"—a means for getting more stuff out of the packing room in quicker time.

The reader will note that this machine is equipped with an iron front and friction clutch pulley. These features alone constitute a great improvement over the old style dropgear packer in that they mean a considerably smaller up-keep expense (gears wear longer and all noise is

eliminated).

DIMENSIONS AND PRICES

Height	Size of hopper, inside 18 in. x 21 in. Size of drive pulley 18 in. x 6½ in. Mitre gears 23 Teeth Speed 160 R. P. M. Shipping weight 850 Lbs.
List Price, complete for packing one size List Price, of each additional Tube and	ze of sack

Prices are Subject to a Discount

In ordering please state whether drive pulley is to be on the right or on the left hand side as you face the packer, and if augers are to run with or against the sun. See diagrams on page 16. If possible send us sample sack. Unless otherwise ordered all machines are equipped with belt and counterweight for raising the platform.

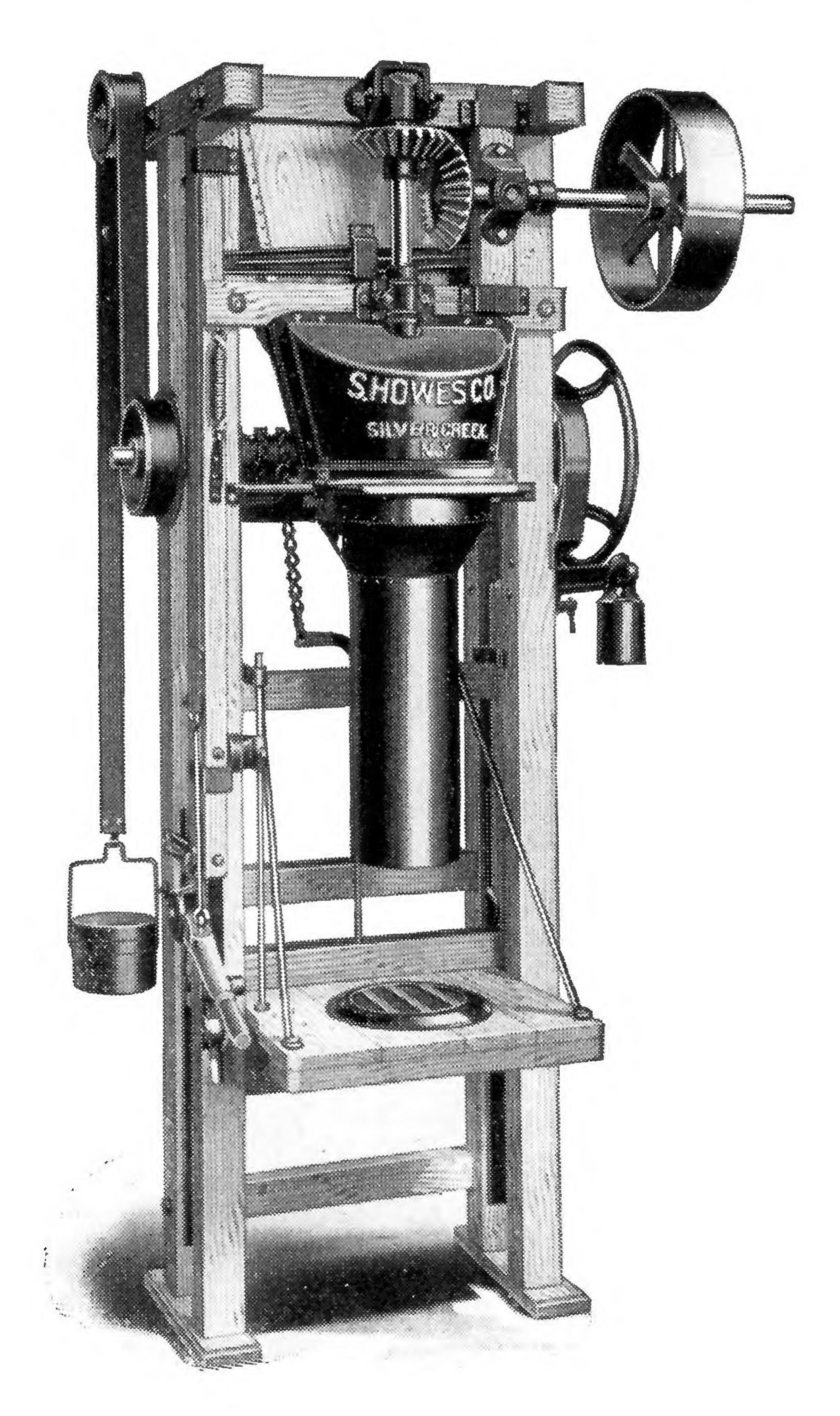
The 66 Jewel??

Sack Packer

DROP GEAR STYLE

This little machine very closely resembles our celebrated "Silver Creek" Flour Packer—it may be said to be "its little brother." As it is intended for small packages only we have provided for a materially lighter construction throughout. This with a view to making it a light and smooth running, easily managed fast sacker. Every care has been taken to insure simplicity and durability of all the working parts. Furthermore, they are all very accessible.

Taken as a whole the "Jewel" Sack Packer will fill every requirement of the average small mill—it will handle anything up to 98 pounds, and with proper care should give satisfaction for years without the expenditure of a cent for repairs.



DIMENSIONS AND PRICES

Height	ft	$1\frac{1}{2}$ $10\frac{3}{4}$ $8\frac{1}{2}$	in. in. in.	Mitre gears
List Price, complete for List Price, of each addit	pao	king al Tu	one si be and	ze of sack

Prices are Subject to a Discount

In ordering please state whether drive pulley is to be on the right or on the left hand side as you face the packer, and if augers are to run with or against the sun. See diagrams on page 16. If possible send us sample sack. Unless otherwise ordered all machines are equipped with belt and counterweight for raising the platform.

The "Rapid"

Small Sack Packer

FRICTION DRIVEN

This machine was specially designed to meet the demand of the large millers for a Packer that would pack 2-lb. to 24-lb. packages rapidly, accurately and economically.

Guaranteed the Fastest and Most Accurate Small Package Packer Made



To substantiate this claim we reproduce abstracts of letters from users:

Blair Milling Company.—"Your 'Rapid' Packer is quite satisfactory. Can get all the speed out of the Packer that we can get men around the machine to take sacks off."

Ansted & Burk.—"We pack 532½th sacks per hour; 640 6-lb. sacks per hour. Of course, the Packer would pack much more, but we cannot get men to handle the stuff quicker than this on the smaller size sacks."

Colorado M. & E. Company.—"The 'Rapid' Package Packer is running nicely. Packs 400 12-lb. sacks per hour; 250-24's. We are not using this Packer nearly up to capacity. Have never tried to see how much we could get out of it. It will keep all the men busy that we can get around it"

Listman Mill Company.—"The 'Rapid' Packer is working satisfactorily."

The Mills of Larabee.—"We are having good success with the 'Rapid' Packer. The machine is running with entire satistaction."

Horton Milling Company.—"We have packed on your 'Rapid' Packer 600 10-lb. sacks, 660 5-lb. sacks per hour. We can pack as fast as it is possible to get the sacks to it and from it. We are thoroughly satisfied with the working of the machine, and we say this after having used Packers for thirty years."

The "Rapid" Packer does its work at a remarkably low cost and with the least possible exertion on the part of the operator. It is essentially a time and labor saver, and as such will cut in two the cost of packing small packages in the average mill.

DIMENSIONS AND PRICES

Extreme height	in. in. in. in.	Size of drive pulley10 in. x 4 in. Speed350-400 R. P. M. Shipping Weight800 Lbs. Size of hopper, width16 in. Size of hopper, depth18 in.
List Price, complete for packing one size of sack		

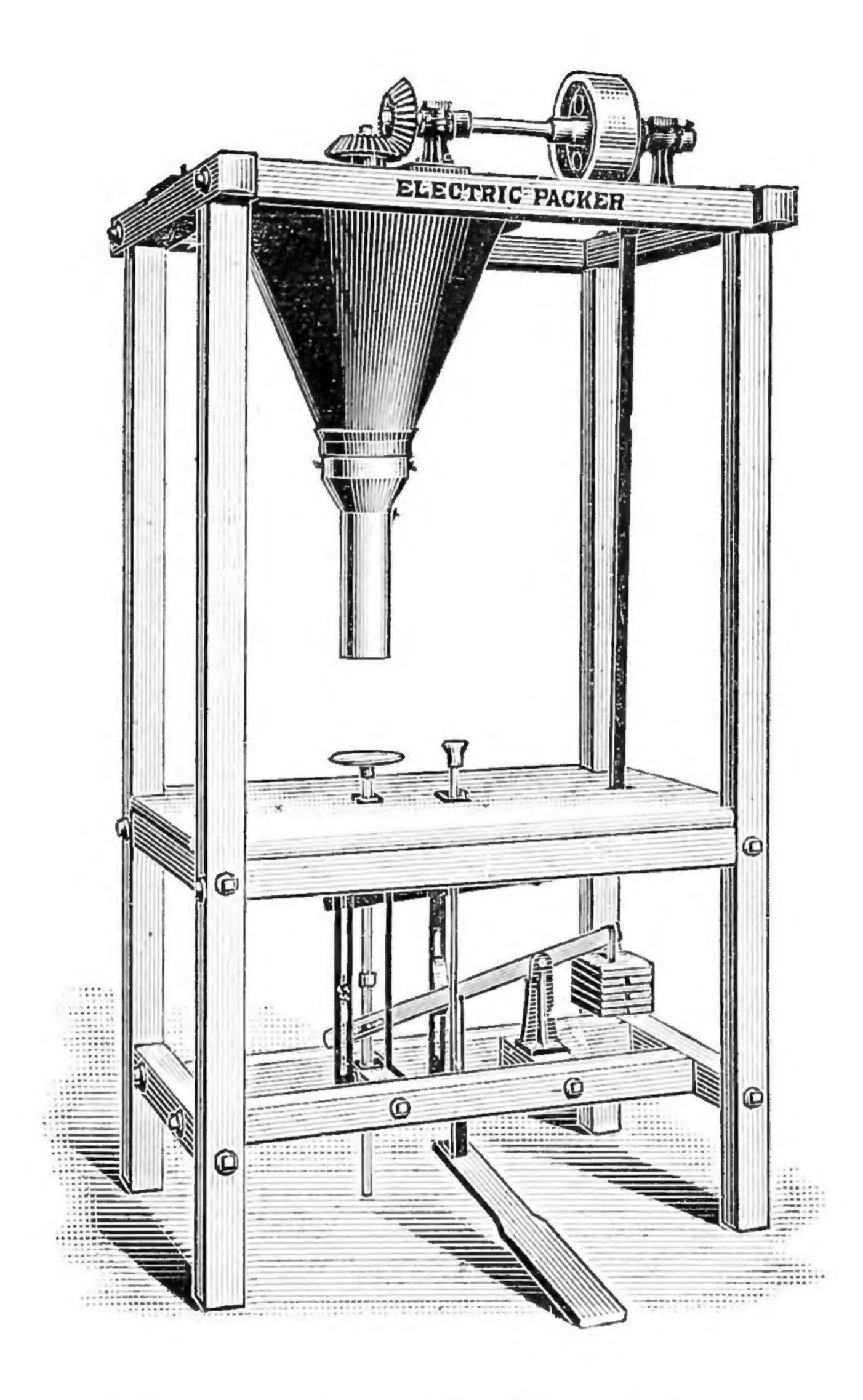
Prices are Subject to a Discount

In ordering please state whether drive pulley is to be on the right or on the left hand side as you face the packer, and if augers are to run with or against the sun. See diagrams on page 16. If possible send us sample sack. Unless otherwise ordered all machines are equipped with sprocket chain and counterweight for raising the platform.

The 66 Electric?

Automatic Small Package Packer

So-called Because of the LIGHTNING-LIKE Rapidity with which it Does Its Work



No Packer designed for this class of work has been able to produce so satisfactory results upon as great a variety of material, and pack with such precision and rapidity, as the "Electric." For packing small packages of from one to ten pounds in containers, of any material or shape, it surpasses any other machine on the market. It is specially designed for putting up small packages of pastry, self-raising and graham flour, all kinds of cereal foods and pulverized and granular materials. Machines are now in daily use packing with great success, almost all kinds of packable material. The "Electric" is very strong and compactly built, and no skilled labor is required to operate it. Whilst running, the machine is almost noiseless, the best machine-cut gears only being used. The Automatic Friction Clutch Pulley is of very simple construction, without frail

parts to get out of repair or need adjusting.

A surprising small amount of power is required to drive it; much less than that required by other packers. By keeping on hand different tubes and augers, several sizes and styles of packages can be packed on the same machine.

The amount of work done, of course, greatly depends on the agility of the operator, but as many as 10,000 packages have been put up on this machine in the course of ten hours. It is built to be operated by hand or foot.

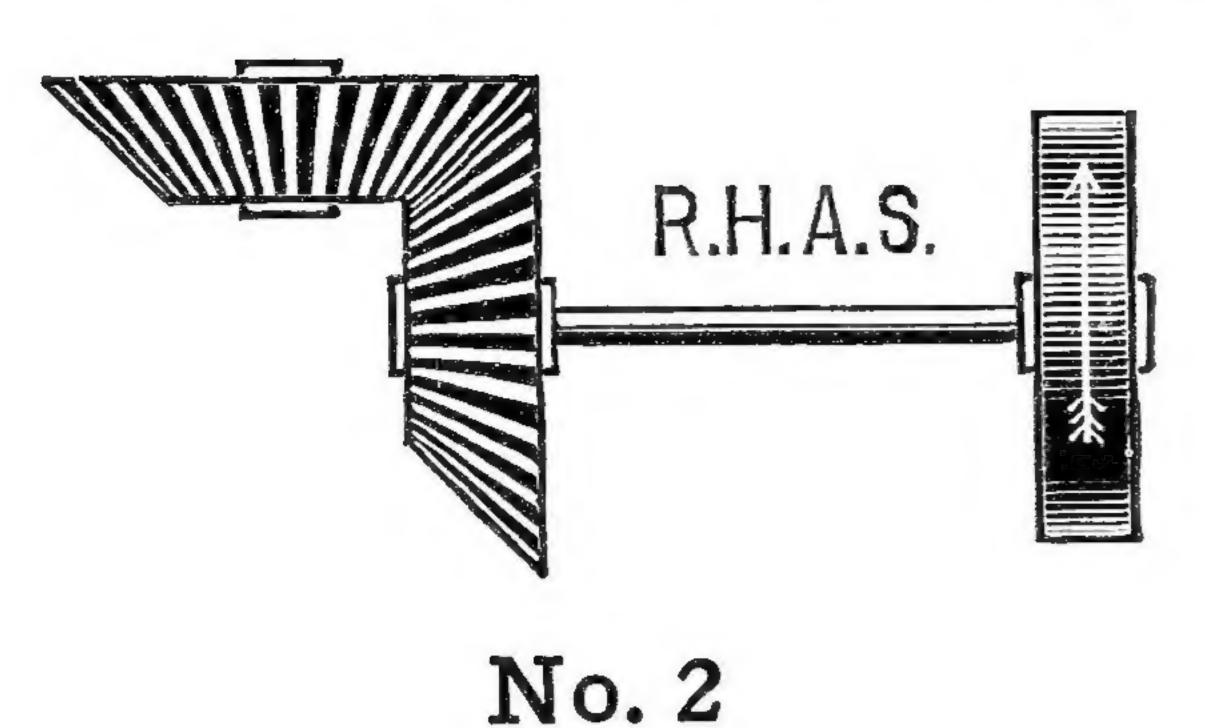
The advantages we claim for this machine are: An evenly packed package, immense capacity, and great saving over hand work.

DIMENSIONS AND PRICES

Height .8 ft. 4 in. Width .3 ft. 11½ in. Depth .3 ft. 2¾ in. Height center drive .7 ft. 9¼ in. Pulley .7 ft. 1½ in. Height top of frame .7 ft. 1½ in. Speed .300-450 R. P. M.	Height top of Table3 ft. 0 in. Height top Feed Opening7 ft. 5 in. Size of frame on 3 ft. 11¼ in. Floor
List Price, complete for packing one s List Price, of each additional Tube and	size of package\$180.00

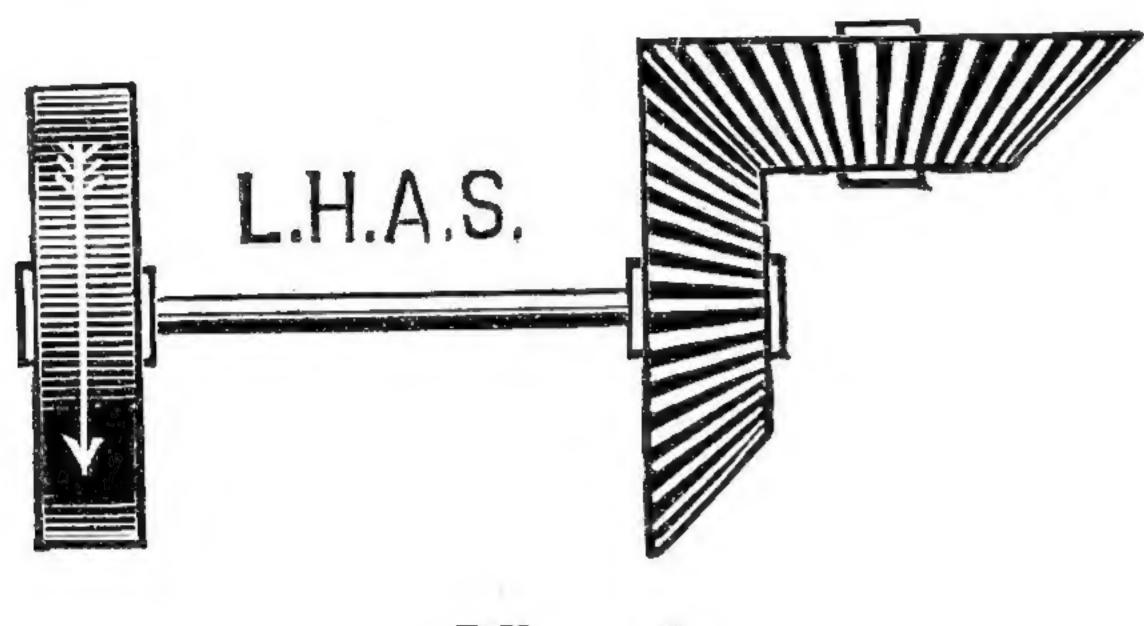
Diagrams

Showing Different Styles of Drives for Packers



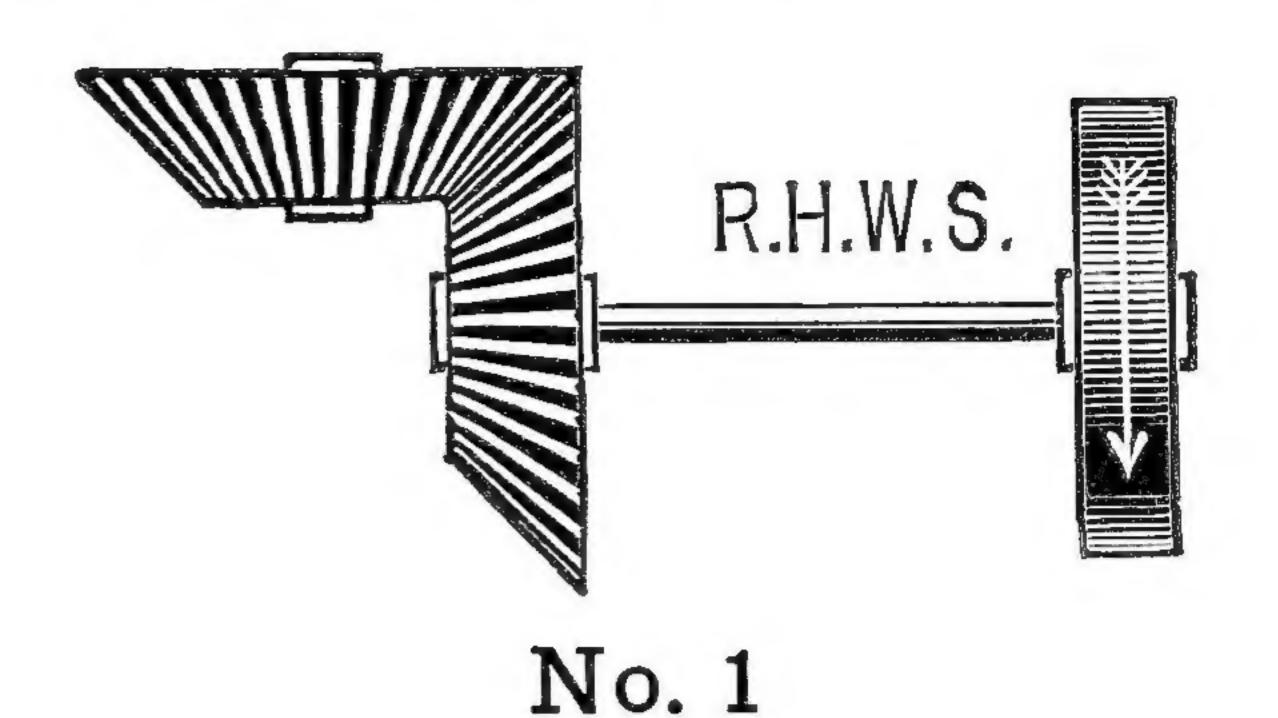
TD0.21-04

No. 2 shows Packer driven from the right hand side, and augers running against the sun.

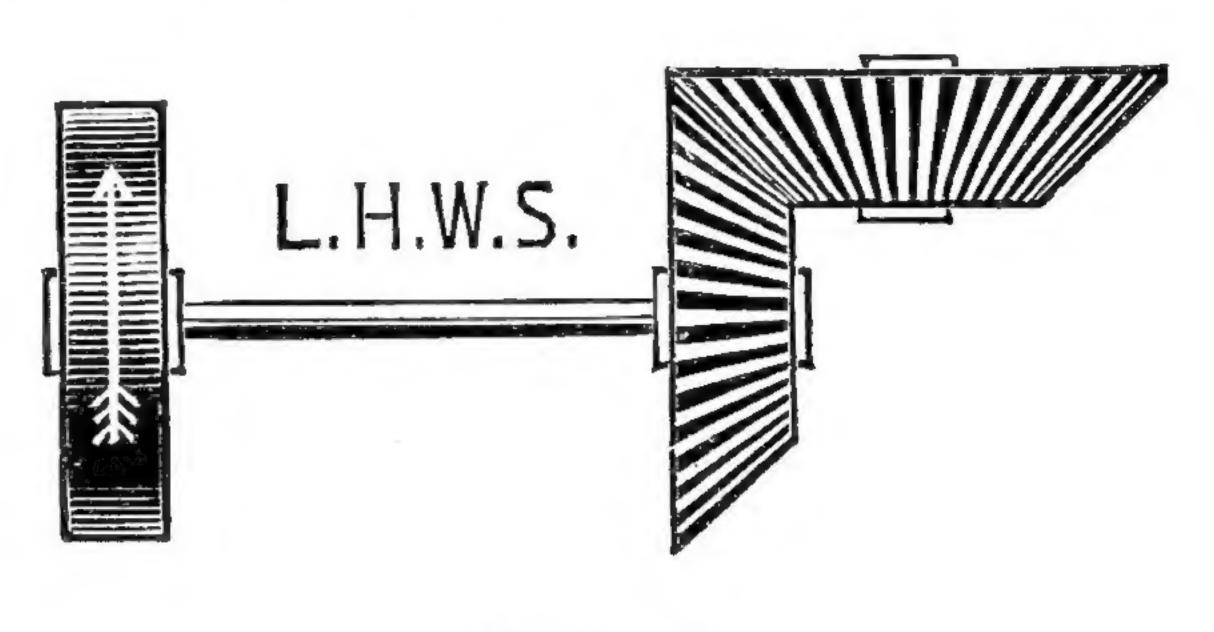


No. 4

No. 4 shows Packer driven from the left-hand side, and augers running against the sun.



No. 1 shows Packer driven from the right hand side, and augers running with the sun.



No. 3

No. 3 shows Packer driven from the left-hand side, and augers running with the sun.

Prices are for machine equipped complete for packing one size of bag, sack or barrel.

In ordering, give length and width of sack when laid flat upon the floor, or send sample sack or bag.

All Packers are shipped with driving pulley and equipped with belt (or rope) and weight for raising the platform.

A Word as to Repairs and their Cost

Users of our Packers secure the maximum of service at a minimum cost of upkeep. The distribution and class of materials used in the working parts is such as will insure durability—the workmanship is unexcelled. Replacements are seldom needed and, when they are, we charge but a moderate price for them. We are prompted to mention this because certain manufacturers make it a practice to sell their machines at a low figure in the first instance, but, when repairs are required later on the customer is forced to pay extortionate prices.

When you require renewals, our Service Department will see that your order is filled correctly and promptly, and repairs invoiced at rational figures. You may rest assured of fair and courteous treatment.

IMPORTANT

Don't accept substitutes nor imitations. To avoid disappointment, send your orders direct to us.



